

The deconvolution of complex spectra by artificial immune system

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Abstract

© Published under licence by IOP Publishing Ltd. An application of the artificial immune system method for decomposition of complex spectra is presented. The results of decomposition of the model contour consisting of three components, Gaussian contours, are demonstrated. The method of artificial immune system is an optimization method, which is based on the behaviour of the immune system and refers to modern methods of search for the engine optimization.

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